

CATALOGUE

OF THE

UNIVERSITY OF NORTH CAROLINA

AT

CHAPEL HILL.

1878-'79.

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RALEIGH:

UZZELL & WILEY, PRINTERS AND BINDERS.

1879.

## CALENDAR FOR 1878-'79.

|       |       |   |
|-------|-------|---|
| 1878. |       |   |
| Aug.  | 27-'8 | Examination of Applicants for Admission.  |
| Aug.  | 29    | Beginning of the Collegiate Year.   |
| Oct.  | 12    | ANNIVERSARY OF THE FOUNDATION OF THE UNIVERSITY.  |
| Nov.  | 28    | THANKSGIVING.   |
| Dec.  | 20    | Christmas Vacation, lasting one week.   |
| 1879. |       |   |
| Feb.  | 22    | WASHINGTON'S BIRTHDAY.  |
| May   | 19    | Final Examination begins.   |
| June  | 1     | Baccalaureate Sermon by the REV. M. D. HOGE, D. D.,<br>of Richmond, Va.   |
| June  | 3     | Annual Meeting of the Philanthropic and Dialectic Societies.  |
| June  | 4     | Address before the Societies by the HON. ALLEN G. THURMAN,<br>LL. D., of Ohio; Address before the Alumni Association<br>by the HON. S. F. PHILLIPS; Orations by the Society Rep-<br>resentatives. |
| June. | 5     | COMMENCEMENT DAY: Announcement of Degrees.  |

## CALENDAR FOR 1879-'80.

|      |       |  |
|------|-------|--|
| Aug. | 26-'7 | Examination of Applicants for Admission.   |
| Aug. | 28    | Beginning of the Collegiate Year, which lasts until June 3d.<br>1880, with an intermission of one week at Christmas. |

## BOARD OF TRUSTEES.

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HIS EXCELLENCY, THOMAS J. JARVIS,

*Governor and President ex-officio.*

HON. WM. L. SAUNDERS, *Secretary.*

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TERM EXPIRES NOV. 30, 1879.

|                            |                   |
|----------------------------|-------------------|
| Hon. MILLS L. EURE,        | .....Gates.       |
| Hon. WILLIAM T. FAIRCLOTH, | .....Wayne.       |
| Col. JOHN A. GILMER,       | .....Guilford.    |
| Hon. JOHN W. GRAHAM,       | .....Orange.      |
| Hon. JESSE F. GRAVES,      | .....Surry.       |
| G. H. HAMILTON, Esq.,      | .....Ashe.        |
| Gen. JOHN F. HOKE,         | .....Lincoln.     |
| STUART L. JOHNSON, Esq.,   | .....Washington.  |
| Hon. JOHN MANNING,         | .....Chatham.     |
| Dr. JOHN McIVER,           | .....Moore.       |
| R. W. MILLARD, Esq.,       | .....Duplin.      |
| ROBERT B. PEEBLES, Esq.,   | .....Northampton. |
| ARCHIBALD PURCELL,         | .....Robeson.     |
| Hon. MARMADUKE S. ROBBINS, | .....Randolph.    |
| Hon. JAMES L. ROBINSON,    | .....Macon.       |
| WM. L. TWITTY, Esq.,       | .....Rutherford.  |

TERM EXPIRES NOV. 30, 1881.

|                                |                  |
|--------------------------------|------------------|
| Hon. JOSEPH J. DAVIS,          | .....Franklin.   |
| Rev. BENJAMIN S. HARDY,        | .....Greene.     |
| Prof. J. DEBERNIERE HOOPER,    | .....Orange.     |
| Col. G. N. FOLK,               | .....Caldwell.   |
| EUGENE GRISSOM, M. D., LL. D., | .....Wake.       |
| Hon. JOHN KERR, LL. D.,        | .....Caswell.    |
| JAMES C. MARSHALL, Esq.,       | .....Anson.      |
| Col. WILLIAM F. MARTIN,        | .....Pasquotank. |
| Hon. THOMAS D. McDOWELL,       | .....Bladen.     |
| Rev. NEILL MCKAY, D. D.,       | .....Harnett.    |
| Col. RUFUS L. PATTERSON,       | .....Forsythe.   |

|                        |            |
|------------------------|------------|
| Col. WILLIAM B. SHAW,  | Currituck. |
| Hon. WALTER L. STEELE, | Richmond.  |
| Col. SAMUEL McD. TATE, | Burke.     |
| H. CLAY THOMAS, Esq.,  | Davidson.  |
| JOSEPH WILLIAMS, Esq., | Yadkin.    |

### TERM EXPIRES NOV. 30, 1883.

|                                 |              |
|---------------------------------|--------------|
| Hon. THOS. S. ASHE,             | Anson.       |
| Hon. WILLIAM H. BATTLE,         | Orange.      |
| Hon. KEMP P. BATTLE,            | Orange.      |
| CHARLES W. BROADFOOT, Esq.,     | Cumberland.  |
| Hon. PAUL C. CAMERON,           | Orange.      |
| E. HAYNE DAVIS, Esq.,           | Iredell.     |
| JOHN E. DUGGER, Esq.,           | Wake.        |
| BENJAMIN F. GRADY, Esq.,        | Sampson.     |
| JAMES A. GRAHAM, Esq.,          | Alamance.    |
| LOUIS C. LATHAM, Esq.,          | Washington.  |
| Hon. MATTHIAS E. MANLY, LL. D., | Craven.      |
| WILLIAM N. MEBANE, Esq.,        | Rockingham.  |
| A. HAYWOOD MERRITT, Esq.,       | Chatham.     |
| Hon. ZEBULON B. VANCE, LL. D.,  | Mecklenburg. |
| Rev. CALVIN H. WILEY,           | Forsythe.    |
| PATRICK H. WINSTON, Jr., Esq.,  | Bertie.      |

### TERM EXPIRES NOV. 30, 1885.

|                               |             |
|-------------------------------|-------------|
| Col. JAMES S. AMIS,           | Granville.  |
| RICHARD H. BATTLE, Jr., Esq., | Wake.       |
| JULIAN S. CARR, Esq.,         | Orange.     |
| W. H. DAY, Esq.,              | Halifax.    |
| W. J. EWING, Esq.,            | Montgomery. |
| Rev. C. B. HASSELL,           | Martin.     |
| JOHN S. HENDERSON, Esq.,      | Rowan.      |
| WM. E. HILL, Esq.,            | Duplin.     |
| W. H. JOHNSTON, Esq.,         | Edgecombe.  |
| Rev. L. R. McABOY, D. D.,     | Polk.       |
| REUBEN McBRAYER, Esq.,        | Cleveland.  |
| Hon. M. McGEHEE,              | Person.     |
| Col. PAUL B. MEANS,           | Cabarrus.   |
| M. H. PINNIX, Esq.,           | Davidson.   |
| Hon. CHARLES PRICE,           | Davie.      |
| J. H. THORPE, Esq.,           | Nash.       |

## ADDITIONAL TRUSTEES.

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TERM EXPIRES NOV. 30, 1879.

|                             |           |
|-----------------------------|-----------|
| Rev. DANIEL A. LONG,.....   | Alamance. |
| Maj. WILLIAM B. LYNCH,..... | Alamance. |

TERM EXPIRES NOV. 30, 1881.

|                             |         |
|-----------------------------|---------|
| Maj. JOHN D. CAMERON,.....  | Orange. |
| Hon. GEORGE V. STRONG,..... | Wake.   |

TERM EXPIRES NOV. 30, 1883.

|                                |           |
|--------------------------------|-----------|
| Gen. BRYAN GRIMES,.....        | Beaufort. |
| Col. WILLIAM L. SAUNDERS,..... | Wake.     |

TERM EXPIRES NOV. 30, 1885.

|                           |           |
|---------------------------|-----------|
| Maj. A. M. LEWIS,.....    | Wake.     |
| Maj. THOMAS SPARROW,..... | Beaufort. |

NOTE.—It is required by law that these additional Trustees shall be “from points conveniently accessible to the seats of government and of the University.”

## EXECUTIVE COMMITTEE.



HIS EXCELLENCY, THOS. J. JARVIS, *Chairman ex-officio.*

HON. PAUL C. CAMERON.

RICHARD H. BATTLE, JR., ESQ.

JULIAN S. CARR, ESQ.

EUGENE GRISSOM, M. D., LL. D.

MAJ. A. M. LEWIS.

COL. WILLIAM L. SAUNDERS.

HON. GEORGE V. STRONG.

## FACULTY.

HON. KEMP P. BATTLE, LL. D., PRESIDENT,  
*Professor of Political Economy, Constitutional and International Law.*

REV. CHARLES PHILLIPS, D. D., LL. D.,  
*Professor of Mathematics.*

J. DEBERNIERE HOOPER, A. M.,  
*Professor of Greek and French.*

REV. ADOLPHUS W. MANGUM, A. M.,  
*Professor of Moral Philosophy, History and English Literature.*

ALEXANDER FLETCHER REDD,  
*Professor of General and Analytical Chemistry.*

GEORGE TAYLOE WINSTON,  
*Professor of Latin and German.*

RALPH HENRY GRAVES, B. SC., C. AND M. E.,  
*Professor of Engineering, Mechanics and Astronomy.*

FREDERIC WILLIAM SIMONDS, M. S.,  
*Professor of Geology, Zoology and Botany.*

CAREY D. GRANDY,  
*Professor of Natural Philosophy.*

\*  
*Professor of Law.*

THOS. W. HARRIS, A. M., M. D.,  
*Professor of Anatomy and Materia Medica.*

W. C. KERR, A. M.,  
*State Geologist and Lecturer on the Geology of North Carolina.*

ALBERT R. LEDOUX, PH. D., (GÖTTINGEN),  
*Chemist to the State Board of Agriculture, and Director of Agricultural Experiment Station and Fertilizer Control Station.*

PROF. MANGUM, *Librarian,*  
 PROF. GRANDY, *Secretary,*  
 A. MICKLE, ESQ., *Bursar.*

\* President BATTLE will take charge of the Law Class until the vacant professorship is filled.

## CATALOGUE OF STUDENTS.

1878-'79.

### FOURTH YEAR STUDENTS--(SENIORS).

#### CLASSICAL COURSE.

|                                  |                  |
|----------------------------------|------------------|
| BATTLE, KEMP PLUMMER, JR.,.....  | Chapel Hill.     |
| HENDERSON, RICHARD BULLOCK,..... | Warrenton.       |
| HILL, WILLIAM LANIER,.....       | Faison.          |
| MANNING, JAMES SMITH,.....       | Pittsboro.       |
| MANNING, JOHN MOORE,.....        | Pittsboro.       |
| PEELE, WILLIAM JOSEPH,.....      | Jackson.         |
| SPRINGS, ALVA CONNELL,.....      | Fort Mill, S. C. |
| STRANGE, ROBERT,.....            | Wilmington.      |
| WINSTON, FRANCIS DONNELL,.....   | Windsor.         |
| WINSTON, ROBERT WATSON,.....     | Windsor.         |

#### PHILOSOPHICAL COURSE.

|                              |              |
|------------------------------|--------------|
| TAYLOR, ISAAC MONTROSE,..... | Chapel Hill. |
|------------------------------|--------------|

#### SCIENTIFIC COURSE.

|                                   |                     |
|-----------------------------------|---------------------|
| ANGIER, JOHN CICERO,.....         | Durham.             |
| ARRINGTON, ARCHIBALD HUNTER,..... | Hilliardston.       |
| CLIFTON, LUNSFORD CLAYBORNE,..... | Cedar Shoals, S. C. |
| ROBBINS, GASTON AHI,.....         | Lexington.          |
| Total,.....                       | 15.                 |

### THIRD YEAR STUDENTS--(JUNIORS).

#### CLASSICAL COURSE.

|                                |              |
|--------------------------------|--------------|
| BATTLE, THOMAS HALL,.....      | Chapel Hill. |
| BETTS, WILLIAM ARCHIBALD,..... | Greensboro.  |



|                           |                   |
|---------------------------|-------------------|
| BRADY, JOHN EVERETT,      | Davidson College. |
| COBLE, ALBERT LUCIEN,     | Alamance Co.      |
| CRAIG, LOCKE,             | Chapel Hill.      |
| FAISON, HENRY ELIAS,      | Faison.           |
| HAYWOOD, ERNEST,          | Raleigh.          |
| JOHN, RODERICK BELTON,    | Laurinburg.       |
| PHILLIPS, ALEXANDER LACY, | Chapel Hill.      |
| RANSOM, JOSEPH,           | Northampton Co.   |
| RANSOM, ROBERT,           | Northampton Co.   |
| SHARPE, BENJAMIN CHARLES, | Tarboro.          |
| SLADE, WILLIAM ROBERT,    | Columbus, Ga.     |
| VAUGHAN, LATIMER CLARKE,  | Warrenton.        |

## PHILOSOPHICAL COURSE.

|                           |             |
|---------------------------|-------------|
| BROOKS, THOMAS COOK,      | Person Co.  |
| COBB, CHARLES COTESWORTH, | Lincolnton. |
| DOWD, JOSEPH CAREY,       | Tarboro.    |
| Total,                    | 17.         |

## SECOND YEAR STUDENTS—(SOPHOMORES).

## CLASSICAL COURSE.

|                                |                  |
|--------------------------------|------------------|
| ADAMS, WILLIAM JACKSON,        | Carthage.        |
| DANCY, FRANK BATTLE,           | Tarboro.         |
| DAVIDSON, ALLEN TURNER, JR.,   | Asheville.       |
| FLANNIGAN, ROBERT ANDREW,      | Cabarrus Co.     |
| HILL, CHRISTOPHER DUDLEY,      | Faison.          |
| HOLT, ROBERT OSCAR,            | Guilford Co.     |
| McIVER, CHARLES DUNCAN,        | Egypt.           |
| McIVER, JOHN ALTON,            | Jonesboro.       |
| McLEOD, GILBERT,               | Euphronia.       |
| McRAE, RODERICK,               | Laurinburg.      |
| MIAL, LEONDIDAS LEMAY,         | Wake Co.         |
| NEAL, JOHN WILLIAM,            | Stokes Co.       |
| PHILLIPS, WALTER EVERETT,      | Battleboro.      |
| SPRINGS, LEROY,                | Fort Mill, S. C. |
| STEDMAN, FRANK HAYWOOD,        | Fayetteville.    |
| STEWART, WILLIAM BELFIELD,     | Clinton.         |
| THOMAS, CHARLES RANDOLPH, JR., | New Berne.       |

|                                 |               |
|---------------------------------|---------------|
| WALKER, JOHN MOSELEY, JR.,..... | Hickory.      |
| WALKER, LUCIAN HOLMES,.....     | Hickory.      |
| WINBORNE, ROBERT WARREN,.....   | Murfreesboro. |
| YARBOROUGH, JAMES HART,.....    | Louisburg.    |

### PHILOSOPHICAL COURSE.

|                                   |                 |
|-----------------------------------|-----------------|
| CLINE, FRANK LEE,.....            | Hickory.        |
| CUNNINGHAM, JOHN,.....            | Gallaway, Tenn. |
| HINES, FRANK GORDON,.....         | Edenton.        |
| HOLSHOUSER, ALLEN RODOLPHUS,..... | Rowan Co.       |
| JOYNER, JAMES YADKIN,.....        | La Grange.      |
| JOYNER, JOHN PUGH,.....           | La Grange.      |
| LEDBETTER, HENRY STEELE,.....     | Richmond Co.    |
| PASCHALL, CHARLES LESLIE,.....    | Oxford.         |
| PEMBERTON, WILLIAM DAVID,.....    | Albemarle.      |
| ROUSE, NOAH JAMES,.....           | La Grange.      |
| RUFFIN, JAMES HIPKIN,.....        | Hillsboro.      |
| WEBB, JOHN,.....                  | Granville Co.   |

### SCIENTIFIC COURSE.

|                                 |               |
|---------------------------------|---------------|
| BATTLE, HERBERT BEMERTON,.....  | Chapel Hill.  |
| GILLIAM, DONNELL,.....          | Raleigh.      |
| LEACH, JAMES MADISON, JR.,..... | Lexington.    |
| PELL, EDWARD LEIGH,.....        | Chapel Hill.  |
| RUMBROUGH, HENRY THOMAS,.....   | Warm Springs. |
| WILSON, ALBERT ROBERT,.....     | Greensboro.   |
| Total,.....                     | 40.           |

## FIRST YEAR STUDENTS—(FRESHMEN).

### CLASSICAL COURSE.

|                               |              |
|-------------------------------|--------------|
| ADAMS, WILLIAM GALES,.....    | Iredell Co.  |
| BATTLE, HENRY LAWRENCE,.....  | Rocky Mount. |
| BOYKIN, DAVID STEVENS,.....   | Clinton.     |
| BRASWELL, MACK,.....          | Battleboro.  |
| BRYAN, ROBERT THOMAS,.....    | Kenansville. |
| EATON, LAFAYETTE BROWNE,..... | Warrenton.   |

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|                                 |               |
|---------------------------------|---------------|
| GRANDY, ALBERT SYDNEY,          | Oxford.       |
| HAIGH, DELAGNEL,                | Fayetteville. |
| HAMPTON, DAVID,                 | Statesville.  |
| HARRELL, JAMES JOSEPH,          | Lumberton.    |
| HEITMAN, NUMA FLETCHER,         | Lexington.    |
| HILTON, JOHN,                   | Raleigh.      |
| HINES, JOEL,                    | Pender Co.    |
| JACKSON, JONATHAN WORTH,        | Pittsboro.    |
| KENNEDY, DAVID SLOAN,           | Magnolia.     |
| MAYHEW, THOMAS WILLIAM,         | Hyde Co.      |
| MCIVER, DUNCAN EVANDER,         | Sanford.      |
| PATTERSON, LOUIS MOREHEAD,      | Salem.        |
| PEACE, LEONIDAS VASSAR,         | Granville Co. |
| PEEBLES, HENRY BRUCE,           | Jackson.      |
| PETERSON, WILLIAM CANOVA,       | Wallace.      |
| REICH, THOMAS WILLIAM,          | Mocksville.   |
| SKINNER, FREDERICK NASH,        | Edenton.      |
| STICKNEY, FENNER SATTERTHWAITE, | Pitt Co.      |
| WILLIAMS, HENRY HORACE,         | Gatesville.   |
| WILSON, GEORGE GREGORY,         | Greensboro.   |

### PHILOSOPHICAL COURSE.

|                              |               |
|------------------------------|---------------|
| ALDERMAN, EDWIN ANDERSON,    | Wilmington.   |
| ALDERMAN, WALTER WILLIAMS,   | Pender Co.    |
| ALDERMAN, WILLIAM COLIN,     | Fayetteville. |
| ALLEN, ALVIS WALDO,          | Granville Co. |
| BELLAMY, SPIER COFFIELD,     | Enfield.      |
| BUNKER, ALBERT LEMUEL,       | Mt. Airy.     |
| EWELL, EDGAR,                | Williamston.  |
| FULP, ELIAS,                 | Stokes Co.    |
| FURGERSON, MACMURRAY,        | Littleton.    |
| GREEN, GEORGE ALEXANDER,     | Iredell Co.   |
| HARRISON, JOHN ADAMS, JR.,   | Castalia.     |
| HICKS, JOHN SCOTCH WHITE,    | Warren Co.    |
| HUNT, JAMES GRAHAM,          | Oxford.       |
| JEFFREYS, JOHN OSBORNE,      | Franklinton.  |
| MURPHY, JAMES DICKSON,       | Pender Co.    |
| NIXON, ALFRED,               | Lincoln Co.   |
| PHELPS, WILLIE HERMAN,       | Catawba Co.   |
| POWELL, EDGAR,               | Roxobel.      |
| RICHARDSON, SHAHANE,         | Craven Co.    |
| ROBERTS, FRANK WILLIAM,      | Flat River.   |
| RODMAN, WILLIAM BLOUNT, JR., | Washington.   |
| ROGERS, JUNIUS FOSTER,       | Granville Co. |

|                           |                |
|---------------------------|----------------|
| RUFFIN, THOMAS, JR.,      | Hillsboro.     |
| SCHULKEN, JAMES BION,     | Whiteville.    |
| SMITH, HAMDEN SYDNEY,     | Raleigh.       |
| STEWART, CHARLES,         | Harnett Co.    |
| STRICKLAND, JAMES THOMAS, | Surry Co.      |
| TURNER, SAMUEL JEFFERSON, | Marion.        |
| UZZELL, JOHN RANDOLPH,    | Goldsboro.     |
| WHITE, RICHARD STREET,    | Elizabethtown. |
| WHITFIELD, SAMUEL GODWIN, | Enfield.       |
| WHITSITT, GEORGE WALTER,  | Graham.        |
| WILSON, JOHN NESTOR,      | Greensboro.    |

### SCIENTIFIC COURSE.

|                              |              |
|------------------------------|--------------|
| BIZZELL, ROBERT MOSELY,      | Johnston Co. |
| BURKHEAD, JOHN WATSON,       | Randolph Co. |
| FARRAR, JOSEPH WILLIAM,      | Haywood.     |
| HOOKE, WILLIAM DEWITT,       | Gulf.        |
| MCCULLEN, BENJAMIN FRANKLIN, | Kinston.     |
| PETERSON, SOLON SCOTT,       | Morganton.   |
| WILLIAMS, JOSEPH AUGUSTUS,   | Chatham Co.  |
| Total,                       | 66.          |

### OPTIONAL STUDENTS.

|  |               |
|--|---------------|
| ALBERTSON, ROBERT BROOKE,                        | Raleigh.      |
| Ph., M., C., Ge., L.                             |               |
| AYCOCK, CHARLES BRANTLEY,                        | Fremont.      |
| Geo., Mi., P., M. & A., Ge., Z., Ph., B., C.     |               |
| BATTLE, OCTAVIUS,                                | Tarboro.      |
| M., Z., C., H.                                   |               |
| BEAMAN, JOHN ROBINSON, JR.,                      | Clinton.      |
| J. R., B., Ph., L., M., L., C. & I. L., Z.       |               |
| BELL, DAVID,                                     | Enfield.      |
| C. & I. L., P. E., Me., Lo., E. L., M. P., Geo.  |               |
| BENTON, JOHN HOGAN,                              | Monroe.       |
| C. & I. L., Ph., B., M. P., H.                   |               |
| BOBBITT, RUFUS LEE,                              | Granville Co. |
| E. L., Me., P. E., Lo., J. R., M. P., C. & I. L. |               |
| BONNER, ROBERT TRIPP,                            | Beaufort Co.  |
| M., F., P., A. C.                                |               |

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|--|-----------------|
| CAIN, ROBERT LEE,  | Mocksville.     |
| L., R., M., Lo., P. E., C. & I. L., H., J. R.            |                 |
| CHAPMAN, LAWRIE JOHN,                                    | Craven Co.      |
| R., M., H., Ph.  |                 |
| COUNCIL, ALEXANDER MCALLISTER,                           | Bladen Co.      |
| Ge., C., M., C., Lo.                                     |                 |
| COVINGTON, THOMAS THOMAS,                                | Laurinburg.     |
| H., L., M., R., B. K.                                    |                 |
| CUNNINGHAM, JOHN SOMERVILLE,                             | Person Co.      |
| L., C. & I. L., H., Ph., B.                              |                 |
| DALTON, DAVID NICHOLAS,                                  | Dalton.         |
| L., C., Z., F.   |                 |
| DANIELS, FRANK ARTHUR,                                   | Wilson.         |
| L., P. E., C. & I. L., M. P.                             |                 |
| EGERTON, BENJAMIN IREDELL, JR.,                          | Macon.          |
| P. E., F. L.,  |                 |
| EMERSON, ISAAC,  | Chapel Hill.    |
| Geo., Mi., P.  |                 |
| ERWIN, WILLIAM EDWARD,                                   | Hendersonville. |
| C. & I. L., Ph., B., L., M., E. L., Me., P. E.           |                 |
| EURE, MILLS CLARENCE,                                    | Gatesville.     |
| E. L., M. P., C. & I. L.                                 |                 |
| FORBIS, JAMES WILEY,                                     | Greensboro.     |
| C. & I. L., Lo., E. L., Me., F., P. E., R., M. P., J. R. |                 |
| FURGERSON, HENRY BEAUREGARD,                             | Littleton.      |
| C., L., R., Lo., F., Ph.                                 |                 |
| GILL, THOMAS JEFFRIES,                                   | Laurinburg.     |
| H., L., M., R., B. K.                                    |                 |
| GREENLEE, EDWARD THOMAS,                                 | Marion.         |
| C., M., F., Lo., J. R., Ph., B.                          |                 |
| GUNTER, JOHN DOCTOR,                                     | Jonesboro.      |
| J. R., B., L., M., Z., Lo., P. E., Ph.                   |                 |
| HARRIS, EUGENE LEWIS,                                    | Chapel Hill.    |
| M., Z., Lo., G., Ph., B.                                 |                 |
| HAYWOOD, HOWARD,   | Raleigh.        |
| M., Lo., P. E.   |                 |
| HENRY, WALTER RICHARD,                                   | Kittrell.       |
| Ph., Lo., Geo., Mi., E. L., Me., F., P. E., C. & I. L.   |                 |
| HILL, ISHAM FAISON,                                      | Faison.         |
| P. E., E. L., Me., C. & I. L., M. P.                     |                 |
| HILL, JAMES HICKS,                                       | Faison.         |
| C., Lo., E. L., Me., R., P. E., C. & I. L.               |                 |

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|---|------------------|
| JEFFREYS, ZADOK MARQUIS LAFAYETTE,                                | Fremont.         |
| Lo., E. L., Me., P. E., R., C. & I. L.                            |                  |
| JOHN, HENRY MOOD,   | Laurinburg.      |
| C., M., L., F.  |                  |
| JOYNER, PATRICK HENRY,  | Prineeton.       |
| E. L., Me., L., M., Lo., C., P. E., C. & I. L., Ph., M. P., J. R. |                  |
| KENT, ALFRED ABRAHAM,   | Lenoir.          |
| P. E., C. & I. L., L., Lo., E. L., Me., P. E., M. P.              |                  |
| LUTTERLOH, HERBERT,   | Fayetteville.    |
| M., Lo., J. R., C.  |                  |
| MALLET, JOHN WALKER,  | Chapel Hill.     |
| Ph.   |                  |
| MAUNEX, LYCURGUS ELISHA,  | Murphy.          |
| R., E. L., M. P., C. & I. L.                                      |                  |
| MAYNARD, ERNEST PATRICK,  | Morrisville.     |
| P. E., C. & I. L., M., Lo., E. L., Me., M. P., J. R.              |                  |
| MCADEN, BENJAMIN TERRY,   | Charlotte.       |
| F., C., R., Lo.   |                  |
| MCCULLOCH, THOMAS FILLMORE,                                       | Guilford Co.     |
| M. P., R., Lo.  |                  |
| MCLEAN, CHARLES EDGAR,  | McLeansville.    |
| H., L., M., R., P. E., C. & I. L.                                 |                  |
| MCMILLAN, JOHN LUTHER,  | Robeson Co.      |
| C., Med.  |                  |
| MCNEILL, CHARLES ALEXANDER,                                       | Carthage.        |
| R., Lo., E. L., Me., F., P. E., C. & I. L.                        |                  |
| MCRAE, JAMES PATTERSON,   | Laurinburg.      |
| Ph., M., Lo., P. E., C. & I. L., J. R., B.                        |                  |
| MITCHELL, JOHN WILLIAM X.,  | Leesville, S. C. |
| M., R., Lo., P. E.  |                  |
| MOORE, JAMES,   | Raleigh.         |
| J. R., M. P., Geo., Mi., E. L., Ph., Lo., C. & I. L.              |                  |
| NOBLE, MARCUS CICERO STEPHENS,                                    | Selma.           |
| Mi., Ge., C., Geo., P., P. E., C. & I. L.                         |                  |
| NORFLEET, PASCAL PAOLI,   | Tarboro.         |
| Ge., C., P., Lo.,   |                  |
| OUZTS, WALTER DALLAS,   | Edgefield, S. C. |
| Lo., C., E. L., Geo., Me., P. E., C. & I. L.                      |                  |
| PELL, ROBERT PAINE,   | Chapel Hill.     |
| R., M., Lo., E. L., Me., P. E., C. & I. L., M. P., Advanced E.    |                  |

|   |               |
|---|---------------|
| PHILLIPS, JOHN LEIGHTON,                      | Raleigh.      |
| F., Ge., C., Lo., Z., Ph., B.                 |               |
| POE, FRANK CALDWELL,                          | Pittsboro.    |
| C., M., P., R., F.                            |               |
| REID, REUBEN DAVID,                           | Wentworth.    |
| M. R., Lo., E. L., Me., F., P. E., C. & I. L. |               |
| REYNOLDS, NATT AUGUSTUS,                      | Asheville.    |
| M., L., R., H., Lo.                           |               |
| RICHARDSON, EDMUND ERNEST,                    | Reidsville.   |
| B., L., H., C. & I. L., Ph., Z.               |               |
| STOKES, THOMAS DUDLEY,                        | Richmond, Va. |
| H., Ph., F., R., B.                           |               |
| STRANGE, JOSEPH HUSKE,                        | Wilmington.   |
| P., L., Ge., E. L., C. & I. L., F., P. E., R. |               |
| WHITAKER, JAMES FLETCHER,                     | Enfield.      |
| M., Ph., H., R., B.                           |               |
| WILCOX, MAURICE HOLTON,                       | Warrenton.    |
| M., Lo., F., H.                               |               |
| WILLEY, CLAUDE C.,                            | Gatesville.   |
| Lo., R., M., C. & I. L.                       |               |
| WINSTON, JOHN CAMM,                           | Richmond, Va. |
| F., Ph., R., H.                               |               |
| Total,  | 58.           |

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 ABBREVIATIONS.

|             |                                       |          |                          |
|-------------|---------------------------------------|----------|--------------------------|
| A. C.,      | Analytical Chemistry.                 | Lo.,     | Logic.                   |
| B.,         | Botany.                               | M.,      | Mathematics.             |
| C.,         | Chemistry, (General).                 | M. & A., | Mechanics and Astronomy. |
| C. & I. L., | Constitutional and International Law. | Me.,     | Metaphysics.             |
| E. L.,      | English Literature.                   | Med.,    | Medicine.                |
| F.,         | French.                               | Mi.,     | Mineralogy.              |
| G.,         | Greek.                                | M. P.,   | Moral Philosophy.        |
| Geo.,       | Geology.                              | P.,      | Physics.                 |
| Ge.,        | German.                               | P. E.,   | Political Economy.       |
| H.,         | History.                              | Ph.,     | Physiology.              |
| J. R.,      | Junior Rhetoric.                      | R.,      | Rhetoric.                |
| L.,         | Latin.                                | Z.,      | Zoology.                 |

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 LAW STUDENTS.

|                          |                  |
|--------------------------|------------------|
| DANIELS, FRANK ARTHUR,   | Wilson.          |
| MAUNEY, LYCURGUS ELISHA, | Murphy.          |
| OUZTS, WALTER DALLAS,    | Edgefield, S. C. |

|                           |            |
|---------------------------|------------|
| PATTERSON, JESSE LINDSAY, | Salem.     |
| PEELE, WILLIAM JOSEPH,    | Jackson.   |
| PENDER, JAMES,            | Tarboro.   |
| REYNOLDS, NATT AUGUSTUS,  | Asheville. |
| Total,                    | 7.         |

MEDICAL STUDENTS.

|                              |              |
|------------------------------|--------------|
| BECKWITH, JAMES FABIUS,      | Chatham Co.  |
| DALTON, DAVID NICHOLAS,      | Dalton.      |
| FULP, ELIAS,                 | Stokes Co.   |
| McMILLAN, BENJAMIN FRANKLIN, | Robeson Co.  |
| McMILLAN, JOHN LUTHER,       | Robeson Co.  |
| McNATT, HENRY WISE,          | Robeson Co.  |
| TAYLOR, ISAAC MONTROSE,      | Chapel Hill. |
| Total,                       | 7.           |

SUMMARY.

|                             |     |
|-----------------------------|-----|
| Classical Students,         | 71  |
| Philosophical Students,     | 49  |
| Scientific Students,        | 17  |
| Optional Students,          | 60  |
| Law Students,               | 7   |
| Medical Students,           | 7   |
|                             | 211 |
| Deduct names counted twice, | 9   |
| TOTAL,                      | 202 |



## HISTORY.

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The University of North Carolina was established in obedience to a clause of Section XLI of the Constitution of the State, adopted on the 18th of December, 1776, viz: "All useful learning shall be duly encouraged and promoted in one or more Universities."

In consequence of the exigencies of the War for Independence, and the prostration following it, some years elapsed before the mandate of the Constitution was carried into effect.

On the 21st of November, 1789, the Convention of the State, convened in Fayetteville, ratified the Constitution of the United States and entered the American Union. One month thereafter, the General Assembly sitting in the same town, granted the Charter of the University. The preamble declares that "in all well regulated governments it is the indispensable duty of every Legislature to consult the happiness of the rising generation, and endeavor to fit them for an honorable discharge of the social duties of life by paying the strictest attention to their education," and that "a University supported by permanent funds, and well endowed, would have the most direct tendency to answer the above purpose." The Trustees were the leading men of that day, many of them having assisted in framing the Constitution of 1776.

In November, 1792, the University was located on an elevated plateau several hundred feet above the sandstone basin which traverses the State; a plateau remarkable for the purity of its water, the beauty and variety of its forest growth, the healthfulness of its climate.

On October 12th, 1793, the corner stone of the first building, the Old East, was laid with Masonic honors by Governor Wm. Richardson Davie, Grand Master. The doors were opened for students in February, 1795. The buildings are now seven in number, affording accommodations for 500 students, with ample recitation rooms and public halls.

The University had obtained a commanding position among the institutions of learning of this country, having nearly five hundred matriculates, when the great civil war dispersed its students and shattered its endowment. In 1872 its doors were closed and were not re-opened until September, 1875. In the fourth year after this re-opening the number of matriculates is 202. It thus appears that the University is rapidly regaining its former prosperity.

## LOCATION.

The University is situate 28 miles from Raleigh and 12 miles from Durham on the North Carolina Railroad. A daily mail hack line connects at Durham, with the railway trains.

## GOVERNMENT.

The University of North Carolina is under the control of a Board of 72 Trustees, elected by the joint vote of the General Assembly. Of these, one-fourth go out of office, and their places are filled, every two years. Although not required by law, in practice they are distributed among the Congressional Districts. The Board meets regularly twice a year; in the winter at Raleigh on a day selected by the Chairman, and in the summer at Chapel Hill during Commencement week. The former is called the Annual Meeting. The Governor is *ex-officio* Chairman of the Board. Ten constitute a quorum.

## THE EXECUTIVE COMMITTEE.

During the recess of the Board, an Executive Committee of seven Trustees, elected at the Annual Meeting, exercise all the powers of the Board of Trustees, except those specially prohibited.

## THE FACULTY.

The Faculty consists of thirteen Professors, including the President. Of these, the Chemist of the State Board of Agriculture, in charge of the Agricultural Experiment and Fertilizer Control Station, the Professors of Law and of Anatomy and Materia Medica and the State Geologist, are not charged with duties connected with the discipline of the University.

## STATE STUDENTS.

By section 3 of the Act of the General Assembly of February 11th, 1867, "it shall be the privilege of the County Court (now County Commissioners), in each county in this State forever to select annually one native of the State, resident in said County, of good moral character and capacity for usefulness, without the requisite means to defray the necessary expenses of education, who shall be admitted to any classes in the University for which he may be prepared, free of all charges for tuition and room rent, so that each county may always have one representative."

And by section 4: "In order to promote the liberal and practical education of the industrial classes of the State, pupils may be admitted to the branches of Agriculture and Mechanic Arts who possess the requisite qualifications for these studies, without requiring previous literary training requisite for admission into the regular college courses."

## OTHER BENEFICIARIES.

The Faculty not only are ready to comply with this law, but by authority of the Board of Trustees, will admit all worthy young men, without means, not confining themselves to one from each county.

## ORGANIZATION.

As re-organized, the institution is designed to hold the position and to do the work of a University. In the several colleges which it embraces, it offers independent instruction in the different departments of knowledge. While thus meeting the requirements of various circumstances and of individual taste, the Trustees have grouped together several systems which experience indicates as adapted to the necessities of those who desire effective mental discipline, together with liberal culture.

## DISCIPLINE.

The discipline of the institution is designed simply to restrain irregularities and excesses which conflict with the improvement of its members. The laws require faithful attention to duty and abstinence from everything that may interrupt or disturb study. Students will be required to observe the utmost decorum and courtesy towards each other at all times, and the practice of *hazing* will be rigorously suppressed.

No secret societies or clubs, other than the two well-known literary societies, (Dialectic and Philanthropic) will be allowed without the express permission of the Trustees of the University.

The Faculty will remove from the University any student who is negligent of his duties, or exerts an evil influence over his fellows.

## RECITATIONS AND LECTURES.

Each student is required to attend on an average three class exercises daily, except on Saturday and Sunday, the former day being appropriated to the exercises of the two literary societies.

## LITERARY SOCIETIES.

In connection with the University are the Dialectic and Philanthropic Literary Societies, to one of which each student is expected to attach himself. The halls and libraries of these societies are commodious and elegantly furnished. The libraries contain each over seven thousand volumes, including history, biography, poetry, science, philosophy and the standard English and American Reviews and Magazines. Each society owns many valuable busts and portraits, and a considerable museum of curiosities and minerals.

The exercises of these societies, and access to their libraries are ranked among the prominent advantages offered by the University. They afford practice in debating and writing, and familiarize the students with the rules of order governing deliberative assemblies.

## RELIGIOUS SERVICES.

The students are invited to attend daily morning prayers in the University Chapel, and the Sunday morning services in the several churches in the village, and facilities are given for studying the Holy Scriptures on Sundays.

## YOUNG MEN'S CHRISTIAN ASSOCIATION.

There is a branch of the Young Men's Christian Association among the students. It has many members of spirit and activity and its influence for good is very marked.

Regular meetings are held every Sunday afternoon, and prayer-meetings each evening during the week in one of the University halls set apart for the purpose.

## MUSEUMS.

The UNIVERSITY MUSEUM occupies the large hall on the third floor of the East Building. Here the cabinets of the various departments have been brought together and arranged. The Geological and Mineralogical collection includes the "Vienna Cabinet," which alone comprises over two thousand specimens from all parts of the world; a large collection of minerals, rocks and fossils, collected by the late Dr. Emmons, when State Geologist, donated to the University by the State; and much material secured through the kindness of the present State Geologist, Prof. Kerr, illustrating the practical application of Geology to the arts—such as a number of jars of pigment of various colors, donated by John Lucas & Co., of Philadelphia; a set of North Carolina marls, now so extensively known as fertilizers; samples of mica, gold and other minerals, and of building stones found within the State.

The ZOOLOGICAL COLLECTION includes a cabinet of Insects collected in the vicinity of Chapel Hill, containing rare and valuable species, a large number of reptiles preserved in alcohol, and many bird skins, which it is hoped may, at an early day, be mounted.

In BOTANY, besides an Herbarium of the local flora, there is a fine set of native woods, carefully prepared and labeled; and a large collection of seeds, grains and fibres from many countries, secured for the Museum by the State Geologist, some of which will be employed in the experiments of the students in Botany.

By an arrangement with the State Board of Agriculture, the University is to receive duplicates of its collections, so that ample opportunity will be given for familiar acquaintance with the resources of the State.

In the Dialectic Building (New West), a room has been set apart, known as the AGRICULTURAL MUSEUM. The collection at present embraces various valuable machines and tools employed in Agriculture.

## LIBRARIES.

The libraries of the two Societies have been already mentioned. The University library contains about six thousand volumes and two thousand pamphlets. It is especially useful to students of history and language. Its French and English editions of the Classics and of books illustrating Greek and Roman history, antiquities and mythology, are rare and valuable. A list of the contributions made to the College and Society libraries during the past year, will be found on another page.

## SEMI-ANNUAL EXPENSES.

|  |          |
|--|----------|
| Tuition, (including room and attendance,) \$42 50..... | \$42 50  |
| Washing,..... 6 00.....to.....                         | 8 00     |
| Board,..... 40 00.....to.....                          | 62 50    |
| Wood,..... 6 00.....to.....                            | 8 00     |
| Light,..... 1 50.....to.....                           | 2 00     |
| Books,..... 5 00.....to.....                           | 8 00     |
|  | <hr/>    |
|  | \$101 00 |
|  | <hr/>    |
|  | \$131 00 |

To these items must be added others which will be determined by the habits of the students themselves, viz: traveling expenses, clothing, furniture of room, pocket money and fees in one of the literary Societies. Books and stationery will be furnished at New York retail prices.

During the present session over sixty students, by forming clubs, obtained board at cost, being not more than \$7.00 per month.

The fee for tuition must be paid in advance. The Faculty earnestly recommend parents to send the money necessary for defraying the expenses of their sons to A. Mickle, Esq., Bursar, who will safely keep and pay out the same without charge. Pains will be taken to confine the expenses of education at the University within reasonable limits. If the provisions of the "Act concerning the University," in Battle's Revisal, are faithfully observed, parents and guardians may feel confident that such desirable result will be secured.

## REQUISITES FOR MATRICULATION.

For admission to the University, such preparation is required as may enable each student to pursue with advantage the course which he may select. As a rule, each matriculate must be sixteen years of age. Exceptions may be allowed at the discretion of the Faculty.

Examinations are required of those who desire to study Mathematics, Greek, Latin or English. Applicants are admitted without examination, to the instruction given in other branches.

## EXAMINATIONS FOR ENTRANCE.

IN LATIN.—Five Books of Cæsar's Gallic War, Four Books of Virgil's *Æneid* and Cicero's Select Orations (6). Other Authors may be substituted for these, but the same amount of reading is required. Applicants must exhibit some proficiency in writing Latin. For further information and suggestions, see "School of Latin."

IN GREEK.—Grammar (Goodwin's or Hadley's), Leighton's Greek Exercises, Xenophon's *Anabasis* (3 books), Grecian History, Geography and Mythology.

IN MATHEMATICS.—Arithmetic, Algebra (to Equations of Second Degree.)

IN ENGLISH.—English Grammar, History of the United States, Modern Geography.

Applicants wishing to pursue the scientific studies, including the branches relating to Agriculture and the Mechanic Arts, are examined in English and Arithmetic. Those desiring to take the Philosophical Course must, in addition, be examined in Latin or Greek, according to the selection made. For the Classical Course applicants must be examined on all the foregoing studies; Optional Students, on such of the above as relate to the studies they select.

For admission to advanced standing, applicants will be examined on the studies completed by the classes which they wish to join.

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## COURSES OF STUDY.

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The Faculty recommend one of the following Courses:

### 1.—CLASSICAL COURSE.

Leading to the Degree of Bachelor of Arts, (A. B.) This course corresponds to the old Curriculum, but with a larger measure of Scientific and English studies.

The figures in parentheses denote the number of recitations or lectures per week.

FIRST YEAR.—Mathematics (5), Latin (4), Greek (4), Rhetoric and History (2).



SECOND YEAR.—Mathematics (4), Latin (4), Greek (4), Zoology, Physiology and Botany (3).

THIRD YEAR.—Physics (3), Chemistry (5), Logic and Rhetoric (2), and any two of the following: *Mathematics* (3), *Latin* (3), *French* (3), *German* (3), *Engineering and Surveying* (3).

FOURTH YEAR.—Mechanics and Astronomy (3), Geology and Mineralogy (3), Political Economy, Constitutional and International Law (3), English Literature (3), Essays and Orations (1), and either *Psychology and Moral Philosophy* (2), or *Second Year Chemistry*.

## 2.—PHILOSOPHICAL COURSE,

Leading to the Degree of Bachelor of Philosophy, (Ph. B.) This course has been organized for those wishing to study only one Ancient Language, presenting a choice between Latin and Greek, and substituting other studies. This allows a still greater devotion to Scientific and English studies.

FIRST YEAR.—Mathematics (5), Latin or Greek (4), French (3), Rhetoric and History (2), English (2).

SECOND YEAR.—Mathematics (4), Latin or Greek (4), German (3), Zoology, Physiology and Botany (3).

THIRD YEAR.—Physics (3), Chemistry (5), Logic and Rhetoric (2), and any two of the following: *Mathematics* (3), *Latin* (3), *German* (3), *Surveying and Engineering* (3).

FOURTH YEAR.—Mechanics and Astronomy (3), Geology and Mineralogy (3), Political Economy, Constitutional and International Law (3), English Literature (3), Essays and Orations (1), and either *Psychology and Moral Philosophy* (2), or *Second Year Chemistry*.

## 3.—SCIENTIFIC COURSE,

### (AGRICULTURE AND THE MECHANIC ARTS)

Leading to the Degree of Bachelor of Science, (B. S.)

Special facilities are afforded in this course for practical training in Scientific studies, particular regard being had to the "branches relating to Agriculture and the Mechanic Arts." By diligent attention to the studies of this course students will require theoretical and practical knowledge of the Chemistry of Agriculture, the Botany of Agriculture, the Physics of Agriculture, the Mechanics of Agriculture, the Zoology of Agriculture, &c., as well as a competent knowledge of Mathematics, of German and French, in which

languages are the chief publications on Agricultural Science, and of such English studies as will fit them to be useful citizens of their country.

Attention is called to the explanation given hereinafter of the aims of the Schools of Chemistry and Physics and the College of Natural History, as regards preparation for scientific pursuits. It will be seen that the special needs of the Southern people are provided for, instruction being given which will be of inestimable value to men of all professions and of every business.

FIRST YEAR.—Mathematics (5), Rhetoric (2), French (3), English (2), Book-Keeping, Drawing (2).

SECOND YEAR.—Mathematics (4), Chemistry (5), Zoology, Physiology and Botany (3), German (3).

THIRD YEAR.—Mathematics (3), Agricultural Chemistry and Quantitative Analysis (5), Logic (2), Physics (3), Advanced Zoology and Botany (2).

FOURTH YEAR.—Mechanics and Astronomy (3), Geology and Mineralogy (3), English Literature (3), Political Economy, Constitutional and International Law (3), Surveying and Engineering (3), Thesis.

## OPTIONAL COURSE.

The Faculty earnestly recommend students to pursue one of the regular courses. But in proper cases they are allowed to choose studies out of the courses, as may be deemed most advantageous, provided that they have fifteen class exercises a week, whether lectures, recitations or laboratory practice.

An Optional Course once chosen must be adhered to for the session, unless for special reasons the Faculty shall allow a change. And no student is allowed to take a course not deemed by the Faculty worthy of his time and efforts.

## AGRICULTURAL STUDIES.

By availing themselves of an Optional Course, students, whose time and means are limited, may obtain purely agricultural instruction in branches deemed of special value. The Faculty recommend, however, that every sacrifice possible shall be made to secure a "symmetrical education."

Efforts are being made for the collection into a museum of the best models of plows and other agricultural implements to serve as models for the instruction of pupils. A considerable number is already on hand and others are expected. In this museum will be exhibited likewise specimens of the productions of the soil of the various parts of the State.



## DEGREES.

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THE DEGREE OF BACHELOR OF ARTS is conferred upon those students who have passed approved examinations on the studies enumerated in the CLASSICAL COURSE.

THE DEGREE OF BACHELOR OF PHILOSOPHY is conferred upon those students who have passed approved examinations on the studies enumerated in the PHILOSOPHICAL COURSE.

THE DEGREE OF BACHELOR OF SCIENCE is conferred upon those students who have passed approved examinations on the studies enumerated in the SCIENTIFIC COURSE.

THE DEGREES OF DOCTOR OF PHILOSOPHY, MASTER OF ARTS, AND MASTER OF SCIENCE, are conferred upon students who have completed post-graduate courses of study prescribed by the Faculty.

Every candidate for a degree is required to present an oration or essay before the public on commencement day

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## MEDALS AND PRIZES.

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### GREEK MEDALS.

In the Second Greek Class Medals of equal value are offered,

To the best scholar;

To the member of the Class who shall make the greatest improvement during the year, and who shall be adjudged the best student of a grade above 85.

### THE LATIN MEDAL.

A gold medal is offered to the best scholar in the Latin Class of the first year. The order of merit will be determined by written examinations.

### MEDAL FOR ORATORY.

The Misses Mangum, of Orange, offer a gold medal as a prize for the best oration, at the Annual Commencement, *in memoriam* of their father, Willie P. Mangum.

## THE CHEMISTRY MEDAL.

A gold medal is offered to the most successful student of Chemistry, practical and theoretical.

## THE GERMAN PRIZE.

A volume of German Lyric Poetry is offered to the best scholar in the German class of the first year.

## THE BINGHAM MEDAL.

The Bingham School offers a gold medal to the student who shall stand the best entrance examination on Latin, Greek, Mathematics and English. The examination will be held at the beginning of next session.

# COLLEGE OF PHILOSOPHY.

## SCHOOL OF POLITICAL SCIENCE.

*(Including Political Economy, Constitutional Law, International Law.)*

### **PRESIDENT BATTLE.**

Instruction in this School is given by text and by lectures.

The scheme of lectures embraces such topics as the following:

The history and theory of STATE TAXATION.

“ “ “ “ “ STATE BANKING.

“ “ “ “ “ NATIONAL BANKING.

“ “ “ “ “ THE STATE DEBT.

“ “ “ “ “ THE NATIONAL DEBT.

The leading cases decided by the Supreme Court of the United States and of this State on the construction of the National Constitution.

Magna Charta of King John, Magna Charta of Edward I., the Petition of Right, the Abolition of Feudal Burdens, the Bill of Rights, the State Constitution of 1776, the Amendments of 1835, the Amendments of 1854, 1861, 1865.

The Reconstruction Acts, and the Constitution of 1868.

The Amendments of 1874.

The Amended Constitution of 1876.

The causes which led to the Amendments to the National and State Constitutions.

The leading Rules of Order governing deliberative assemblies.

While these lectures may be of especial benefit to those who will embrace the legal profession, or engage in politics, care is taken to give information which should be in the possession of every intelligent citizen.

## SCHOOL OF METAPHYSICS.

**PROF. MANGUM.**

THIRD YEAR STUDENTS.—*Two Recitations a week.*

FIRST TERM.—Logic.

SECOND TERM.—Rhetoric.

FOURTH YEAR STUDENTS.—*Two recitations a week.*

FIRST TERM.—Psychology.

SECOND TERM.—Moral Science.

Texts last used: Bowen's Logic, Hill's Science of Rhetoric, Munsell's Psychology, Gregory's Christian Ethics.

Various authors on the several subjects are used as needed, and the following are recommended as references: Walker's edition of Reid's Intellectual Powers of Man, Hamilton's Metaphysics, Caldermond's Moral Philosophy, Hopkins' Law of Love, Jouffroy's introduction to Ethics.

## COLLEGE OF MATHEMATICS.

**PROFS. PHILLIPS AND GRAVES.**

FIRST YEAR.—*Five recitations a week.*

Geometry, including a discussion of Transversals, Harmonic Division and other Modern methods of Elementary Geometry, Algebra, Theory of Numbers, Different Scales of Notation.

SECOND YEAR.—*Four recitations a week.*

Construction and use of Tables of Logarithms, Plane and Spherical Trigonometry with applications to Surveying, Heights and Distances, etc., Analytical Geometry of two Dimensions, Descriptive Geometry.

THIRD YEAR.—*Three recitations a week.*

Analytical Geometry of three Dimensions, Differential and Integral Calculus, Calculus of Variations, a Discussion of the Methods of Abridged Notation and Trilinear Co-ordinates. The Philosophy of Mathematics.

FOURTH YEAR.—*Three recitations a week.*

Theoretical Mechanics with numerous practical applications, Astronomy.

In this Department the aim is to make the course comprehensive and extensive.

The student is assisted both in the class-room and out, and his progress tested by oral and written examinations.

Throughout the whole course great importance is attached to the solution of problems as the only way to insure a complete mastery of the subject. Written solutions of the more difficult problems are required, and scope for originality is thus afforded and habits of accuracy are developed.

As the class goes over each subject its history and growth are discussed; also the part it plays in physical research and in the technical pursuits of the present day is pointed out.

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## BOOK-KEEPING.

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**PROF. GRAVES.**

Facilities are afforded for learning the Science of Accounts.

The subjects of Single Entry and Double Entry Book-Keeping are thoroughly explained and illustrated.

Each student is required to write numerous sets, including various short methods adopted by practical book-keepers. This exercise is continued until he is familiar with all the details as they occur in actual business. This course is invaluable, not only to those who intend to be accountants, but also to those preparing for any pursuit in life who wish to preserve a clear and concise record of their business transactions.

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## COLLEGE OF LITERATURE.

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This College embraces the Schools of Greek, English, French and German.

The attention of teachers is directed to the prevalent neglect of the study of English, and especially to the necessity of practice in spelling and composition. The want of a competent degree of literary cultivation in our own language disqualifies many young men of good natural abilities for pursuing with success an advanced education.

In Latin and Greek, applicants for admission are too frequently ill prepared in the rudiments of Grammar, and unskilled in construction, while a large proportion are utterly ignorant of Ancient Geography, Mythology and History. Some of these defects may be remedied by constant exercise in composition, by frequent translations from one language into another, and by repeating or writing from memory the ideas expressed in the text. Cursory translation and careless criticism, without practice in writing, will not produce exact scholarship.

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### SCHOOL OF GREEK.

*PROF. HOOPER.*

The Greek Class of the first year has four recitations weekly, devoted to Herodotus, two books; Homer's Iliad, four books; and the Memorabilia of Xenophon. Exercises, in construction and composition, are employed to illustrate and fix the principles of Syntax.

Books used: Goodwin's and Hadley's Grammars, Leighton's Lessons and Smith's Antiquities.

The second year, with four recitations, is given to the study of Demosthenes, and of selections from Plato and from the tragedians. A portion of the time is devoted to the History of Greece, its civil institutions and intellectual development.

Books: Goodwin's Moods and Tenses, Kuhner's and Jelf's Grammar, Smith's History of Greece, with reference to Thirlwall and Grote.

An optional course for another year will consist of selections from Thucydides, Sophocles, Æschylus and Aristophanes.

Reference to Trench on the "the Study of Words," and to Schlegel's Lectures on the Drama.

It is made a special object, in the course of instruction, to trace the development of the forms of the language, and to cultivate a critical observation of the transitions of meaning and of the processes of thought involved in syntactical construction.

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## SCHOOL OF LATIN.

**PROF. WINSTON.**

The instruction in this school is given by recitations and occasional lectures. It includes oral and written translation and criticism of Latin authors, together with frequent practice in writing Latin. Systematic instruction is given in Roman history, and Classic Mythology and Antiquities are studied in connection with the texts. The general principles of comparative Philology with especial attention to the Latin verb and noun forms, as well as the Philosophy of the subjunctive mood are taught during the second year in a special course of lectures.

The progress of the student is tested both by daily recitation and by frequent written examinations; and the final examinations, besides covering the work of the session, include passages not previously read by the class.

## COURSE OF STUDY.

FIRST YEAR.—*Four recitations a week.*

Livy, Cicero, Composition, History.

SECOND YEAR.—*Four recitations a week.*

Horace, Tacitus, Juvenal, Composition, History, Lectures.

THIRD YEAR.—*Three recitations a week.*

Terence or Plautus, Cicero, Virgil, Quintilian or Pliny, or Seneca (at the option of the class), Original Investigations, Latin Theses.

Pupils preparing for college and not having the advantage of skilful teachers are advised to begin the study of Latin with Gildersleeve's Primer, Bingham's Grammar, Leighton's Lessons, or Allen and Greenough's New Latin Method, and to learn thoroughly one of these books before taking up a Latin author. Next should come Caesar's Gallic War, with lessons in Gildersleeve's Grammar and Exercise Book. Cicero's Orations or Sallust should follow, and finally Virgil or Ovid should be read. No pupil is prepared to quit Caesar until he has at his tongue's end all the forms of declension and conjugation and is acquainted with the general principles of Syntax, so that he can write Latin with some degree of ease. The practice of writing out translations of the text

before and after recitation is earnestly recommended. It will be found advantageous also, to re-convert the English translation into the Latin original without help from the text.

The Professor of Latin would be glad to correspond with teachers, pupils and publishers with reference to methods of instruction and study and textbooks.

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## SCHOOL OF ENGLISH.

### **PROF. MANGUM.**

FIRST YEAR STUDENTS.—*Two recitations a week.*

FIRST TERM.—Grammar, Rhetoric and Elocution.

SECOND TERM.—History and Elocution.

THIRD YEAR STUDENTS.—*Two recitations a week.*

FIRST TERM.—Logic.

SECOND TERM.—Rhetoric.

FOURTH YEAR STUDENTS.—*Three recitations a week.*

FIRST TERM.—English Literature, Literary Criticism and Original Speeches.

SECOND TERM.—English Literature, Literary Criticism, Essays and Original Speeches.

ELECTIVE COURSE.—Special English Criticism, and extra and advanced studies in the English Language and Literature.

Texts last used: Morris's English Grammar, Bain's Grammar as Bearing upon Composition, Morris's Historical Elements, Moon's Criticisms, Supplee's Trench on the Study of Words, Hart's Composition and Rhetoric, Freeman's Outlines of History, Bowen's Logic, Hill's Science of Rhetoric, Shaw's New History of English and American Literature.

In addition to the texts in the several departments, other works are used, as deemed advisable; and the following are recommended as references: Morris's Historical Accidence, Earle's Philology, Duyckinck's American Literature, Arnold's and Taine's English Literature, Chamber's Cyclopædia of English Literature, Quackenbos's History of Ancient and Oriental Literature and Botta's Universal Literature.

Before a student applies for admission into any course in the University, he should be well trained in orthography, the elementary rules and exercises in composition, and the grammar of his own language. It is the purpose in this school to lead to accuracy and skill in the use of English, and to the formation of an effective style.



To meet the just and growing demand for a thorough acquaintance with the one language that must be spoken and written, the range of studies has been much enlarged, and will be extended as rapidly as practicable. The student is made familiar with the language and the literature in their development, from the Anglo-Saxon to the English of the present. In addition to the study of English and American Literature, the work of the class embraces research in the fields of General Literature, and essays on the literary history of other nations.

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## SCHOOL OF FRENCH.

**PROF. HOOPER.**

Three recitations weekly, for one year, are devoted to the study of the Grammar, including pronunciation, to the reading of Voltaire's Charles XII, Télémaque and select plays from Racine, Corneille and Molière. Attention is given to the idiomatic forms as compared with our own language and the Classics.

An optional course is arranged for a second year, embracing the master-pieces of the French Drama, specimens of oratory, history and poetry.

Books: Schele de Vere's Grammar and "Introduction." Reference to Vericour's French Literature.

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## SCHOOL OF GERMAN.

**PROF. WINSTON.**

FIRST YEAR.—*Three recitations a week.*

Comfort's Course, Whitney's Reader and Grammar.

SECOND YEAR.—*Three recitations a week.*

Schiller's Tell, Goethe's Faust.

Especial attention is paid to the comparative philology of the English and German languages.



## COLLEGE OF NATURAL SCIENCE.

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### SCHOOL OF CHEMISTRY.

*PROF. REDD.*

There are two courses in this school; the Lecture course and the Laboratory course. In the former, the class meets the Professor three times a week, during the scholastic year. The facts and principles of General Chemistry are presented in the following order:

1. Chemical Physics.
2. The Metalloids, their history and combination with each other.
3. The principles of Chemical Nomenclature, Symbols and Notation, the general principles of Chemical Philosophy.
4. The Metals, their history, combination, &c.
5. Organic Chemistry.

Instruction is given by text-books and by lectures, and is illustrated with numerous experiments.

In the Laboratory course, the students spend with the Professor six hours a week during the scholastic year. A deposit of \$12.00 is required at the beginning of the session to defray the cost of apparatus and chemicals.

These two courses enable a student to determine qualitatively any unknown substance.

Text-books: Fowne's Chemistry, Roscoe's Chemistry, Fresenius' Qualitative Analysis.

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### SCHOOL OF APPLIED CHEMISTRY.

This course is designed to prepare students to become Analytical Chemists, Chemists of Manufacturers, Teachers of Chemistry, or Druggists, and also to afford special facilities for the the training of Farmers and Physicians. The course extends over two years. The first year's course is the same as that of General Chemistry.

In the second year's course Quantitative Chemistry is prosecuted until the student is able to determine quantitatively any substance. Lectures on Industrial Chemistry are given twice a week. Among the subjects discussed are the following: 1. The Metallurgic Processes—the extraction of the useful metals, as Iron, Copper, Lead. 2. The principles and processes of the manufacture of Glass, Leather, Soap, Chemicals and Fertilizers.

In order to afford, as far as possible, special opportunities to students preparing for the several scientific pursuits, the following courses have been arranged:

I. FARMER'S COURSE, including Analysis of Soils, Plants, &c.; also Analysis of Fertilizers—Barn-yard and Commercial—and as far as practicable, box and field experiments as confirmatory tests of Laboratory work.

II. ANALYTICAL CHEMIST'S AND CHEMIST OF MANUFACTURER'S COURSE, including Analysis of Minerals, of Manufacturers' Products and the Assay of Ores.

III. DRUGGIST'S AND PHYSICIAN'S COURSE, including preparation of Drugs, and the testing for their impurities, and the detection of Poisons. The average expenses of a student pursuing this course are \$30.00.

Text-books: Fresenius' Qualitative and Quantitative Analysis, Caldwell's Agricultural Chemistry, Johnston's How Crops Feed, Parrish's Pharmacy, Wagner's Chemical Technology.

### CHEMICAL LABORATORIES.

In addition to the spacious two story brick building which has been heretofore used for the Quantitative and Qualitative Laboratories, the Trustees, on account of the increase of Analytical students, have recently fitted up Person Hall for the Quantitative Laboratory. The Qualitative and Quantitative Laboratories are supplied with gas and water, and with the other appliances necessary for the prosecution of Chemistry according to the most approved modern methods. The essential material advantages of these Laboratories are not excelled in the United States.

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### SCHOOL OF PHYSICS.

*PROF. GRANDY.*

The class meets three times a week during the year. In this class the object is to develop and explain principles by elementary but convincing methods, and to present to the student a complete course of instruction in Physics.

The first portion of the year is devoted to the Mechanics of Solids and Fluids, and the remaining and greater portion, to Molecular Physics. In this branch of the subject special attention is given to the results of modern researches and generalizations. Throughout the year numerous experiments are performed to illustrate and impress principles, and constant exercise in the solution of problems is required.

An effort is made to give a practical cast to the instruction in this department by showing the application of principles in various familiar implements and machines.

## SCHOOL OF MINERALOGY.

*PROF. GRANDY.*

The course of Mineralogy occupies four hours per week in lectures and laboratory practice throughout the last five months of each session.

The leading object in this study is to make the student familiar with: 1, the description and methodical classification of the different minerals; 2, the peculiar characteristics and methods by which they may be distinguished from one another; 3, the modes of occurrence and association of minerals and their geographical distribution, as well as the various applications that can be made of them as ores, in jewelry, and in the coarser arts.

The practice in the Laboratory enables the student—by means of simple apparatus and a few re-agents, which he can carry about with him—to determine the valuable and the common minerals. Those desiring it have also an opportunity to pursue the study much farther. Each student in this department must pay a fee of five dollars, for chemicals and material consumed.

Text-books and works of reference: Dana's Text-book of Mineralogy, Dana's System of Mineralogy, Von Cotta's Ore Deposits, Elderhorst's Manual of Blow-Pipe Analysis and Jannetaz on the Determination of Rocks.

## COLLEGE OF NATURAL HISTORY.

## SCHOOL OF GEOLOGY.

*PROF. SIMONDS.*

The instruction consists of

*A Course of Thirty-five Lectures on General Geology*, in which the following subjects are considered: Physiography, Geognosy, Dynamical Geology, Historical Geology and Archæology.

Text-book: Dana's New Text-book of Geology, 3d edition.

Books of Reference: Dana's Manual of Geology, Juke's and Geikie's Manual of Geology, Lyell's Principles, Le Conte's Geology, Huxley's Physiography, Macturk's Physical Geography, Maury's Physical Geography, Reports of U. S. Geographical and Geological Surveys and of the Surveys of the various States, Guyot's Earth and Man, Lubbock's Prehistoric Times, Foster's Prehistoric Races of the U. S.

## SCHOOL OF ZOOLOGY.

**PROF. SIMONDS.**

The instruction in this school includes:

- I. A Course of Thirty Lectures on General Zoology* during the first session. Six lectures of this course are on "Insects injurious to vegetation."

Text-book: Nicholson's Text-book of Zoology.

Books of Reference: Nicholson's Manual of Zoology, Orton's Comparative Zoology, Tenney's Manual of Zoology, Agassiz's Methods of Study in Natural History, Huxley's Anatomy of Vertebrated Animals, Cobbold's Entozoa, Packard's Guide to the Study of Insects, Harris' Insects Injurious to Vegetation, Coues' Key to North American Birds, Huxley & Martin's Biology.

- II. A Course of Twenty-five Lectures on Human Physiology and Hygiene*, during the first half of the second session.

Text-book: Cutter's or Dalton's Physiology, (Elementary).

Books of Reference: Dalton's Human Physiology, Marshall's Human and Comparative Physiology, J. C. Draper's Physiology, J. W. Draper's Physiology.

- III. Laboratory instruction in Zoology for advanced students.*

Advanced students will collect, name and arrange specimens of animal life occurring in the vicinity of Chapel Hill.

## SCHOOL OF BOTANY.

**PROF. SIMONDS.**

In this School are included the following:

- I. A Course of Fifteen Lectures upon Physiological Botany*, delivered during the last half of the second session.

Students taking this course are required to analyze, preserve and describe, according to Harrington's Plant Analysis, at least twenty-five species of wild plants. These are to be the property of the University Museum.

Text-book: Gray's Lessons and Manual of Botany.

Books of Reference: Gray's Structural and Systematic Botany, Chapman's Southern Flora, Oliver's Elementary Botany, Sach's Text-book of Botany, Johnson's How Crops Grow, Johnson's How Crops Feed, Porcher's Resources of Southern Fields and Forests.

*II. An advanced course of instruction in Vegetable Physiology.*

This course can only be pursued by those who have completed the preceding.

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## COLLEGE OF ENGINEERING.

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**PROF. GRAVES.**

**FIRST YEAR.**—*Four hours a week.*

1. Theory and use of Engineering Instruments, Land Surveying, Drainage, and Irrigation. Practice in the field with the chain, compass, transit and level, supplements the instruction in the class room. While every refinement of surveying and levelling is thoroughly discussed and illustrated practically, the student is likewise taught to use the ruder methods where lack of time or instruments would forbid greater precision. Plats of the land adjoining the University are made, their contents estimated and their division according to various conditions effected.

2. Orthogonal, and Oblique Projections, Projections of Shades and Shadows, Projections of Maps, Drawing. These subjects are illustrated and impressed by the execution of working drawings of buildings and of the simpler kinds of machinery, etc., etc. While this class constitutes a part of a technical course, it requires only a moderate knowledge of pure mathematics, and the subjects taught are of great advantage to the student who is seeking general culture only.

**SECOND YEAR.**—*Three hours a week.*

1. Survey and Location of Roads, Construction of Roads, Topography. Here again the student is made familiar with the methods of the text-book by actual field work. Topographical Maps are drawn, Railroad Curves are staked out, computed, estimates of cost made and all the cases that occur in practice fully illustrated.

2. Geodesy, Hydrography.
3. Mechanics with applications to the Arch, Foundations, Retaining Walls, Strength of Materials, etc., etc. Graphical Statics, Practical Examples.
4. Axonometric (including Isometrie) Projections, Perspective, Drawing.

THIRD YEAR.—*Three hours a week.*

1. Structures of Wood, of Stone and of Metal, Building Materials, Stability of Structures, Bridge Construction, Drawing.
  2. Kinematics, Hydraulic Engineering, Thermodynamics.
- Examples of celebrated structures are given, also of those with which the student may be familiar.

## NORTH CAROLINA AGRICULTURAL EXPERIMENT STATION.

DIRECTOR:

**ALBERT R. LEDOUX, A. M., Ph. D.**

ASSISTANTS:

**GEO. WARNECKE.**

**W. B. PHILLIPS, Ph. B.**

**J. C. TAYLOR, B. S.**

It is now the beginning of the third year of the existence of this Station, which was created by an act of the General Assembly, of March 12th, 1877. The results of two years of labor in this field are, very encouraging to the Trustees of the University, and to the friends of the Board of Agriculture. The work of the Station, which at first embraced simply the analysis of fertilizers, has been gradually extended as time and means would allow, until at present it is fully equipped for almost any investigation or experiment which the agricultural interests of the State may demand. The following extracts from a circular published last year, will give an outline of the duties of the Station.

### 1—ANALYSIS OF FERTILIZERS.

Samples of every brand sold in the State are taken by the Commissioner of Agriculture and analyzed at the Station. The results of these analyses and the commercial values of the fertilizers are published in pamphlet form, and will be sent free to any address, on application.



## 2—CHEMICALS.

Any farmer in North Carolina purchasing chemicals for composting and home use, can have them analyzed free of charge at the Station. The sender must, however, prepay the express charges to Chapel Hill. Through the kindness of the President of the Southern Express Co., packages may soon be prepaid from any office *in the State* to Chapel Hill, although there is no Express office at this place. The samples of chemicals must be selected according to written instructions, which will be furnished upon application.

## 3—SEEDS.

Having secured the necessary apparatus for testing the quality and germinating power of seeds of all kinds, we are prepared to make such tests for any one in the State who will send a proper sample by mail. The same must fairly represent the lot from which it was taken, and be not less than two (2) ounces in weight for small grain, corn, etc., nor less than 100 seeds in number for garden seeds, &c.

## 4—SOILS, MARLS, MINERAL WATERS, &amp;c., &amp;c.

Analyses of this class will be made free of charge, when the sender receives the permission of the State Geologist; or, when deemed of general interest and importance by the Board of Agriculture.

## 5.

Analyses of Sugar Beets, and other agricultural products, are made as the Board of Agriculture directs. Other investigations of interest and value to the farmer are taken up from time to time, as the work of the Station permits.

## 6.

Insects injurious to vegetation, when sent to the Station, will be named, their habits, when known, and the best means of exterminating them given free of charge."

The liberality of the Board of Agriculture and the Trustees has fully equipped the Station for this work. Besides the necessary furnaces, apparatus and re-agents for the testing of seeds, and the complete analyses of soils, marls, minerals, mineral waters, ores, plants, grasses, grains, fertilizers or chemicals, there has been secured, partly through a donation by Mr. Warnecke, and partly at a small expense from Germany, the most complete collection of seeds in any Agricultural College in the United States, embracing samples of all varieties

of the seeds of common grains, grasses, and weeds, over one thousand in number.\* This collection is now being catalogued and every sample will be accompanied by its botanical and common name, and thus be an invaluable aid in detecting and identifying seeds of injurious weeds, which may be found adulterating samples of good seeds sent to the Station for examination. This collection, as well as all the apparatus of the Station, is open for the inspection of any of the students of the University, or any farmer who desires to familiarize himself with them, and may thus prove a valuable aid to education.

The publications of the Station are sent free of charge upon application, and many of them have been found extremely valuable by our farmers, especially Directions and Formulæ for Composting, Directions for Utilizing Bones, Formulas for Different Crops, Analysis and Valuation of Fertilizers.

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## LAW SCHOOL.

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Until the election of a successor to JUDGE BATTLE, PRESIDENT BATTLE will take charge of the school.

This Department contains two classes:

1. The INDEPENDENT CLASS, consisting of students who have no connection with any of the University classes, and are not subject to any of the ordinary University regulations.

2. The UNIVERSITY CLASS, consisting of such students of the University as are allowed by the Faculty, in addition to their regular duties, to pursue the study of Law.

The plan of studies comprises Blackstone's Commentaries, Williams on Real Property, Williams on Executors, Saunders on Uses and Trusts, Stephens on Pleading, Chitty's Pleading, Adam's Doctrine of Equity, Stephens on Evidence and the Code of Civil Procedure.

While particular attention is directed to preparation for obtaining License to practice Law in the Courts of this State, it is endeavored to give the student a broad, liberal knowledge of the law. Wherever the law in North Carolina differs from that enunciated in the text-books, information is given of such difference and the reason therefor.

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\*This is exclusive of the "Centennial Collection" in the Museum, which contains over 1000 samples and is the property of the University.



A Moot Court for the discussion of Law questions and for instruction in the practice of the Courts, will be held by the Professor at such times as the students may desire it.

Lectures are given from time to time on such subjects as have been greatly modified by our statutes, such as Marriage, Descent, Wills, Limitations, &c.

By courtesy of the Librarians of the University, and of the Dialectic and Philanthropic Societies, the Independent Students have access to their valuable libraries, amounting in the aggregate to near twenty thousand volumes. And by joining one of these Societies they can share in the great benefit derived from participation in their debates and other exercises. They have the opportunity too, on easy terms, if they so desire, to attend the lectures of the President of the University on Constitutional History and Constitutional and International Law, and such other Lectures as they may deem for their benefit.

To complete the course from the beginning will ordinarily require two years for the Independent Class, at the end of which the DEGREE OF BACHELOR OF LAW will be conferred on such students as by their proficiency may be entitled to it. Those joining a class during the course, standing an approved examination on the books already read, or their equivalents, will be allowed to compete for this degree.

The Professor of Law is not subject to the ordinary University regulations, and receives no salary from the Trustees of the University; but is entitled to demand from each member of the Independent Class fifty dollars per session, and from each member of the University Class thirty-five dollars per session. Any student entering for the whole course and paying one hundred and fifty dollars shall be entitled to attend it without further charge. The sessions and vacations of this department are the same as those of the University, but the Professor will, when not absent from Chapel Hill, give instruction during the vacations to such members of either class as desire it, without any extra charge.

Students will be received at any time and for any periods. In such cases reasonable reduction of tuition fees will be made.

Board can be had at Chapel Hill at reasonable rates.

## MEDICAL SCHOOL.

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**THOMAS W. HARRIS, M. D.,** *Professor of Anatomy.*

**ALEXANDER F. REDD,** *Professor of General and Analytical Chemistry.*

**FREDERIC W. SIMONDS, M. S.,** *Professor of Botany and Physiology.*

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FOR THE FIRST YEAR, instruction will be given in Chemistry, Botany and Physiology, by the Professors in those departments.

In Anatomy and *Materia Medica*, by Dr. Harris.

FOR THE SECOND YEAR, Anatomy, *Materia Medica* and Practice of Medicine, by Dr. Harris.

Instruction will be given in part by Lectures, and students will be frequently examined on the subjects which they are studying.

Special attention will be given to *practical instruction in Anatomy*, by the dissection of human subjects, and by the use of models, of which Dr. Harris has a good supply made by the celebrated Dr. Auzoux, of Paris.

For those students who have a sufficient knowledge of Anatomy, there will be a course of instruction in the operations of Surgery, in which they will have an opportunity of making the operations for themselves on the dead body.

At stated times, the poor of the community will be offered medical advice and treatment free of charge. By attending these consultations, students will have an opportunity of seeing disease and its treatment.

The Professor of Anatomy is not subject to the college regulations, and receives no salary from the Trustees. He is entitled to charge a fee of \$50.00 for each student pursuing the studies of his department, *for the Collegiate year.*

Those attending the lectures in Zoölogy, Physiology and Botany will pay a fee of \$15.00 per Collégiate year; and the same amount will be charged for the Chemical Course, students paying extra for the chemicals used by them in Laboratory work.

The sessions of this school will begin and end with those of the other departments of the University.

Text-books recommended for constant use or reference are, in

Anatomy: Gray, Allen, Cruveilhier.

Physiology: Flint, Dalton, Marshall, Bernard.

*Materia Medica*: Pereira, Stillé, Ringer.

Practice of Medicine: Flint, Fothergill, &c.

For information in regard to instruction in Chemistry, and Botany and Physiology, reference is made to preceding pages of this catalogue.

The University Medical School offers rare advantages to students of Medicine. Without such preliminary instruction, it will be impossible for them to make available the lectures of the Medical Colleges, whose diplomas are desirable. They will not have the time to devote to Laboratory work.

## HONORARY DEGREES CONFERRED JUNE 6, 1878.

### DOCTOR OF LAWS.

Hon. JAMES GRANT, of Iowa.

Hon. THOS. C. MANNING, of Louisiana.

### DOCTOR OF DIVINITY.

Rev. JAS. M. SPRUNT, Duplin Co.

Rev. J. J. ROBERTS, of New York.

### DOCTOR OF PHILOSOPHY.

Hon. J. B. KILLEBREW, A. M., of Tennessee.

### MASTER OF ARTS.

Prof. W. M. BROOKS, Olin, N. C.

J. B. WESSON, Kentucky.

## DEGREES CONFERRED IN COURSE.

### BACHELORS OF ARTS.

|                            |            |
|----------------------------|------------|
| ARRINGTON, ARTHUR,         | Louisburg. |
| FAISON, JAMES HICKS,       | Faison.    |
| GALLAWAY, CHARLES WILCHER, | Mt. Airy.  |

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|------------------------|------------|
| HILL, EDWARD JOHN,     | Faison.    |
| MCCORKLE, GEORGE,      | Newton.    |
| NICHOLSON, JAMES MANN, | Enfield.   |
| WATKINS, HENRY THOMAS, | Henderson. |

### BACHELOR OF PHILOSOPHY.

|                          |         |
|--------------------------|---------|
| CLINE, WILLIAM PINCKNEY, | Newton. |
|--------------------------|---------|

### BACHELOR OF SCIENCE.

|                          |            |
|--------------------------|------------|
| STREET, NATHANIEL HEATH, | New Berne. |
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## GRADUATES IN THE SEVERAL COLLEGES AND SCHOOLS.

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### IN THE COLLEGE OF MATHEMATICS.

|                      |                |
|----------------------|----------------|
| NIXON, HENRY BARBER, | Perquimans Co. |
|----------------------|----------------|

### IN THE COLLEGE OF PHILOSOPHY.

|                           |             |
|---------------------------|-------------|
| AYCOCK, CHARLES BRANTLEY, | Fremont.    |
| CALDWELL, ROBERT ERNEST,  | Greensboro. |
| JONES, ALFRED DANIEL,     | Cary.       |
| LEWIS, JOHN BRYAN,        | Raleigh.    |

### IN THE SCHOOL OF LATIN.

|                                |        |
|--------------------------------|--------|
| NOBLE, MARCUS CICERO STEPHENS, | Selma. |
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## RECIPIENTS OF MEDALS 1877-'78.

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### LATIN MEDAL.

|                     |          |
|---------------------|----------|
| FRANK BATTLE DANCY, | Tarboro. |
|---------------------|----------|

## CHEMISTRY MEDAL.

ERNEST HAYWOOD,.....Raleigh.

## MEDAL FOR ORATORY.

ARTHUR ARRINGTON,.....Louisburg.

## THE GERMAN PRIZE.

JAMES SMITH MANNING,.....Pittsboro.

## DONATIONS TO THE UNIVERSITY LIBRARY.

By the Treasury Department: Valuable Documents.

By the Secretary of the Interior: Public Documents of the Forty-first, Forty-third, Forty-fourth and Forty-fifth Congress, 105 vols.

By the Smithsonian Institution: Miscellaneous Collections, 3 vols.; Contribution to Knowledge, 2 vols.; Reports, 5 vols.

By the Secretary of the Navy: Astronomical and Meteorological Observation, 1 vol.

By Hon. A. S. Merrimon: Important Public Documents.

By Hon. Walter L. Steele: Important Public Documents.

By Hon. J. J. Davis: Important Public Documents.

By the Departments at Washington: U. S. Commission of Fish and Fisheries; Entomological Commission; Ethnography and Philology of Hidatsa Indians; Patent Office Reports; Cove's Birds of Colorado Valley; U. S. Survey of the Geology and Geography of the Rocky Mountains; Agricultural Reports.

By Executive Committee of Board of Visitors of University of Virginia: Lewis Brooks' Museum.

By Treasurer of South Carolina: Important Documents.

By State Historical Society of Wisconsin: 1 vol.

By W. J. Davie: Resources, Condition and Agricultural Report of Kentucky, 1 vol.

By Commissioner of Agriculture, Hon. L. L. Polk: Sundry Reports of the Department.

By Auditor Love of North Carolina: Auditor's Report.

By Hon. J. C. Scarborough: Report of the Superintendent of Public Instruction.

By Hon. J. M. Worth: Report of the Treasurer of North Carolina.

By McMillan & Co., New York: Fawcett's Political Economy for Beginners; Fawcett's Manual of Political Economy; Lockyer's Elementary Lessons in Astronomy; Mivart's Elementary Lessons in Anatomy; Bryce's Holy Roman Empire; Calderwood's Hand-book of Moral Philosophy; Roscoe's Elementary Lessons in Chemistry; Geikie's Elementary Lessons in Physical Geography; Huxley and Martin's Elementary Lessons in Biology; Jones' Junior Course of Practical Chemistry; Jevons' Lessons in Logic; Huxley's Elementary Lessons in Physiology; Foster and Langley's Practical Physiology; Clark's Class-Book of Geography.

By John Allyn, Publisher, Boston: Pennell's Latin Subjunctive; Abbott's and Mather's Latin Prose; Wagner's Plato's Apology and Crito; Pennell's Ancient Greece; Jebb's and Mather's Sophocles' Electra; Pennell's Ancient Rome; Mather's Selections from Herodotus and Thucydides; Hart's McLean's Juvenal; Felton's Clouds of Aristophanes; Felton's Birds of Aristophanes; Tyler's Olynthiacs and Philippics of Demosthenes; Bjornson's Arne, A Sketch of Norwegian Country Life; Holmes' and Tyler's Demosthenes de Corona; Bowen's edition of Detocqueville's Democracy in America; Bowen's Logic; Hamilton's Metaphysics by Bowen; McLeave's Horace by Chase; Fernold's Selections from Greek Historians.

By Eldredge & Bro., Publishers, Philadelphia: Lawrence's Model Speaker; Hart's Class-Book of Poetry; Wilson's Elementary Algebra; Martindale's Anatomy, Physiology and Hygiene; Hart's Elementary Grammar; Hart's English Grammar and Analysis; Crittenden's Commercial Arithmetic and Business Manual; Hart's Composition and Rhetoric; Groesbeck's Practical Book-Keeping; Chase's Six Books of Æneid; Westlake's 3000 Practice Words; Houston's Physical Geography; Hart's Manual of American Literature; Hart's Manual of English Literature.

By Rev. S. D. Peet, Unionville Ohio: January number of the American Antiquarian.

By A. S. Barnes & Co.: Coronation Hymns.

By Messrs Biglow & Main, New York: Winnowed Hymns.

By American Unitarian Association: Lectures to Young Women; Formation of Christian Character; Athanasia or Foregleams of Immortality; Unitarian Principles; Lectures to Young Men; Christian Consolations; Christianity and Modern Thought; Christian Doctrine of Prayer; Genuineness of the Gospels; Notes on the Gospels—Matthew; Studies of Christianity; Channing's Memoirs; Memoir of Henry Ware, Jr.; Memoir of Mary L. Ware; Life of the Saviour, by Ware; Translation of the Prophets; Statement of Reasons; Unitarianism Defined; Lives of the Apostles; Letter and Spirit; Doctrines of Christianity; Theological Essays; Translation of Job, Ecclesiastes, and Canticles; Forgiveness of Sin; Internal Evidences of the Genuineness of the Gospels; Translation of Psalms and Proverbs; Christian Life; Steps of Be-

lief; Translation of New Testament; Every Day Subjects in Sunday Sermons; Channing's Works; Music Hall Lectures; Orthodoxy: Its Truths and Errors, 37 vols.

By Boston Public Library: Library Report; Bulletin No. 45.

By Commissioners of District of Columbia: The Fourth Report of the Commission.

By the Publisher: Drake's Annals of the Army of Tennessee.

By the Publisher, E. R. Pelton, New York: *The Eclectic Magazine*.

By F. A. Brockhaus, Leipzig: *Allgemeine Bibliographie*.

By the Publishers: *The Daily New York World*; *The Country Gentleman*; *The Norfolk Virginian*; *The Science Observer*, Boston; *The Farmer's Review*, Chicago; *The American Missionary*, New York; *The Musical Record*, Boston, Oliver Ditson & Co.; *The Lutheran Paper*, New Market, Va.; *Princeton Review*, for March and September.

By A. S. Barnes & Co.: *Educational Monthly*; *The International Review*.

## DONATIONS TO THE DIALECTIC SOCIETY.

By Dr. Eugene Grissom: *Mental Hygiene*.

By Appleton & Co.: *Catalogue of Publications*.

By Hon. W. L. Steele, M. C.: *Congressional Directory*.

By Hon. A. M. Waddell: *Congressional Record*, 1877—5 vols.

By Pres't K. P. Battle: *Cotton is King and Pro-Slavery Arguments*.

By Hon. W. L. Steele, M. C.; *Charters, and Constitution of the United States*, 2 vols.

By Prof. A. W. Mangum: *Cushing's Manual*; *Refutation of Paine*. Curran and His Contemporaries; *German Settlement and the Lutheran Church in the Carolinas*; *Fair France*; *Constitution of the United States*; *Democracy in America*; *Annual of Scientific Discovery*.

By Hon. A. M. Scales, M. C.: *Message and Documents of the War Department*, 3 vols.

By Hon. W. L. Steele, M. C.: *Narrative of the North Polar Expedition*.

By Hon. J. J. Davis, M. C.: *Commercial Relations*; *Smithsonian Report*, 1876.

By Mr. John Hilton: *Practical Geometry*.

By Hon. S. F. Phillips: *American Cyclopædia*—16 vols.; *Picturesque America*—2 vols.

By Hon. W. L. Steele, M. C.: *Congressional Record*—6 vols.; *U. S. Geological and Geographical Survey of Colorado and adjacent Territory*, 1876—1 vol. Hayden.



By Hon. J. J. Davis, M. C.: Message and Documents, 1877-'78; One Congressional Directory for Forty-fifth Congress.

By Chief Justice Supreme Court of Louisiana: The Returning Board Case.

By Hons. W. L. Steele and J. J. Davis: The Official Gazette of U. S. Patent Office.

By Dr. Ledoux: Reports of Experimental and Control Station.

Portraits presented by request of the Society:

Rev. M. M. Marshall, D. D., Prof. J. J. Slade, Rev. Wm. Barringer, Gen. W. E. Hill, Prof. A. McIver, Dr. Cyrus A. Alexander, Hon. Ralph Gorrell.

## DONATIONS TO THE PHILANTHROPIC SOCIETY 1878-'79.

### BOOKS.

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By C. R. Thomas, New Berne, N. C.: Reports of U. S. Commissioners to the Paris Exposition, 1867,—6 vols.; Dante,—1 vol.

By Hon. J. J. Davis: U. S. Geographical and Geological Surveys—12 vols; Report upon Forestry, 1877; Eighth Census United States; Compendum Ninth Census of U. S.; Message and Documents, 1877-'78; Commercial Relations, 1874; Charter and Constitution of the United States, Parts 1 and 2—2 vols.; Report of Joint Special Committee on Chinese Immigration, 1876; Revised Statutes of the United States, 2d Edition, 1878; Congressional Record, Proceedings 1876, '77 and '78—25 vols; Congressional Directory, 1879; Statistical Atlas of the United States.

By Hon. S. F. Phillips: Art Journal—3 vols—1875, '76 and '77.

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By J. H. Hill, Duplin Co., N. C.: Specimens of Rocks and Stalactites from Weyer's Cave, Va.

By Hon. James Grant; Cash, \$210.00.

At the request of the Society, the following portraits have been presented:

Oil Portrait of Hon. B. F. Moore, Oil Portrait of Hon. James Grant, Oil Portrait of Hon. Richard S. Donnell, by his sister, Miss Ann M. Donnell, Crayon Portrait of Hugh S. Cole, Esq.

## NORMAL SCHOOL.

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The School was opened July 18th and closed July 26th, and was held in the University buildings.

### THE FACULTY, OFFICERS AND INSTRUCTORS.

Hon. Kemp P. Battle, LL. D., President.

Messrs. John J. Ladd, Superintendent and Lecturer on Methods, School Management, Discipline, &c.

S. H. Owens, Professor of Geography, Reading, Phonetics and Penmanship.

Alex. McIver, Professor of Mathematics, English Grammar and Physiology.

Jed. Hotchkiss, Lecturer on Geography and Methods of teaching it.

J. Madison Watson, Lecturer on Elocution and Reading.

Walter H. Page, Professor of English Philology.

Geo. T. Winston and M. C. S. Noble, Professors of Latin Language.

R. H. Graves, Professor of Algebra.

C. D. Grandy, Professor of Chemistry.

Miss E. M. Coe, Teacher of Kindergarten system.

Messrs. E. A. Wilson and C. L. Wilson, Professors of Vocal Music.

Prof. J. E. Dugger, Secretary.

The following were teachers in the Kindergarten Class.

Miss E. M. Coe, Superintendent; Misses Anna R. Kelsey, Nettie Marshall, Julia W. Stevenson, Lizzie M. Lindsay, Rachel C. Brookfield, Lillie V. Milliken, Cornie McDaniel, Mary C. Roberts, Mary Faison, Sally Whitfield, Jennie Faison, Su Lu Marable, Alice Haughton, Rhoda Worth, Mrs. Mary F. Foster and Mrs. John E. Dugger.

### LECTURES WERE DELIVERED BEFORE THE SCHOOL BY PROMINENT GENTLE- MEN, AS FOLLOWS:

Hon. T. L. Clingman, Subject: Follies of the Positive Philosophers.

Prof. Jed Hotchkiss, three Lectures on Geography and one on Gen. (Stonewall) Jackson's Campaign.

Maj. Robert Bingham: The Bible as an English Classic.

Prof. J. Madison Watson, four Lectures: On Teaching Reading, on Spelling and Letter-sounds, two on Elocution.

Rev. Dr. J. Henry Smith: The Importance of Little Things.

- Judge R. P. Dick: The Bible as a Text-book.  
 Prof. W. C. Kerr: Geology of North Carolina.  
 Prof. C. D. Grandy: The Spectroscope.  
 Rev. C. H. Wiley: History of our Public School System.  
 Rev. Dr. Pritchard: The English Language.  
 Rev. N. B. Cobb: Phonography.  
 Hon. L. L. Polk, Commissioner of Agriculture: What are the demands of our State upon us and how shall we meet them?  
 Prof. Geo. T. Winston, two lectures: Character of the Romans; Latin Pronunciation.  
 President Battle: The Site of the University.  
 Major Seaton Gales: The XIXth Century.  
 Hon. Samuel F. Phillips: Influence of the Normal School in Advancing Education in North Carolina.  
 Prof. A. W. Mangum: History of Church Customs.  
 Hon. J. C. Scarborough: Defects of the Public School System of North Carolina.  
 Governor Vance: Practical Education and Importance of North Carolina.  
 Prof. John R. Blake: Natural Science; Its Importance.  
 Dr. Thomas W. Harris: Circulation of the Blood.  
 Miss E. M. Coe, in addition to her regular Kindergarten instruction, gave before the whole school a special lecture on Color and Form.

## STATISTICS.

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|---|-----|
| Whole number of pupils enrolled,.....                                   | 402 |
| Average daily attendance,.....  | 329 |
| Number of Counties represented,.....                                    | 59  |
| Number of Children in the Kindergarten Class, (not included above)..... | 53  |

## THE NEXT NORMAL SCHOOL

will begin June 17 and close July 24. For information address President Battle, Chapel Hill, N. C.